

**STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT**  
Not Applicable

**INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC**  
Not Applicable

**BACKGROUND OF THE INVENTION--**

**Please insert the following paragraph before line 27 on page 1:**  
--BRIEF SUMMARY OF THE INVENTION--.

**Please insert the following paragraph between lines 2 and 3 on page 4b:**  
--BRIEF DESCRIPTION OF THE DRAWINGS--.

**Please insert the following paragraph between lines 19 and 20 on page 4b:**  
--DETAILED DESCRIPTION OF THE INVENTION--.

**Please replace the paragraph beginning at line 4 of page 3, with the following rewritten paragraph:**

The resistance of the fabric increases if it comes into contact with moisture. Furthermore, the resistance of the fabric is measured by a non-wireless connection to a measuring unit. The system is, however, not provided with a reading unit which generates an interrogation field with a frequency which corresponds with a resonance frequency of a resonance circuit of the sensor so that the resonance circuit is brought to resonance by means of the interrogation field.

**Please replace the paragraph beginning at page 7, beginning with line "Example 1" with the following rewritten paragraph:**

Example 1:	
Stabilizer (0.5% in water)	50
water	10
glycerine (10% in water)	1.25
metallite silver SF 20	2.5
NaOH (10% in water)	0.25

Layer thickness wet	500µm
Layer thickness dry	100µm
Response time	<1 s

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**Please replace the paragraph beginning at line 23 of page 9, with the following rewritten paragraph:**

B24  
Via line 16, information can again be supplied to the signal processing device 18 in the form of the amount of energy absorbed from the electromagnetic interrogation field. The reading device 4.1 can then determine on the basis of the amount of energy absorbed by the at least one sensor to what extent the at least one sensor is in contact with moisture. In particular, the signal processing device 18 comprises a threshold circuit to determine whether the amount of energy absorbed is below a predetermined value.

**Please replace the paragraph beginning at line 29 of page 11, with the following rewritten paragraph:**

B5  
In the example of Fig. 3, the sensor comprises the microprocessor discussed above. When the sensor of Fig. 3 reacts, the identification code can then also be sent directly to the transmitter-receiver device, so that by means of the reading device it can be directly established which sensor reacts, in other words, which sensor is wet or moist. The transfer of the resonant circuit of Fig. 3 is therefore, such that curve A of Fig. 2 is applicable when the sensor is wet and curve B when the sensor is dry. It is also conceivable that each sensor 2.i comprises a resonant circuit with a unique resonance frequency  $f_i$ , with  $f_i \neq f_j$  if  $i \neq j$ . By emitting, i.e., generating or propagating, an interrogation field, the frequency of which increases in a previously known manner, it can be detected whether a sensor 2.i is moist, while at the same time the frequency  $f_i$  and thus the identity of a sensor can be established.

**IN THE CLAIMS:**

**Please amend claim 1 as follows:**

- Sub  
C2  
1. (Amended) ~~A system for detecting the presence of moisture, comprising:~~  
at least one electronic sensor for detecting the presence of moisture, said at least one sensor comprising a resonant circuit having a resonance frequency and being at least partly formed from a moisture sensitive material having an electrical resistance which increases when in contact with moisture, said at least one sensor being arranged to be wirelessly activated by an

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